

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	73893	fluid\$6 near5 bed or fluid\$7bed\$1	US- PGPUB; USPAT	OR	ON	2009/08/28 14:25
S2	67887	(exotherm\$6 or deacon) near5 (reaction or process)	US- PGPUB; USPAT	OR	ON	2009/08/28 14:26
S3	9287	(oxidi\$6 or oxidat\$6 or oxygen) near10 (hydrogen near2 chloride or hydrochloric or hcl)	US- PGPUB; USPAT	OR	ON	2009/08/28 14:27
S4	1872	S3 with (chlorine or "cl. sub.2")	US- PGPUB; USPAT	OR	ON	2009/08/28 14:27
S5	445	S4 with cataly\$6	US- PGPUB; USPAT	OR	ON	2009/08/28 14:27
S6	68153	S2 S5	US- PGPUB; USPAT	OR	ON	2009/08/28 14:27
S7	615	S1 with S2	US- PGPUB; USPAT	OR	ON	2009/08/28 14:27
S8	1085629	temperature near10 (vary\$3 or vari\$3 or chang\$4 or increas\$3 or decreas\$3 or rais\$4 or lower\$5)	US- PGPUB; USPAT	OR	ON	2009/08/28 14:29
S9	79	S7 same S8	US- PGPUB; USPAT	OR	ON	2009/08/28 14:29
S10	546658	temperature near10 (decreas\$3 or lower\$5)	US- PGPUB; USPAT	OR	ON	2009/08/28 15:33
S11	33	S7 same S10	US- PGPUB; USPAT	OR	ON	2009/08/28 15:34
S12	15	S5 same S10	US- PGPUB; USPAT	OR	ON	2009/08/28 15:38

S13	79	S4 same S1	US- PGPUB; USPAT	OR	ON	2009/08/28 15:40
S14	2	S10 same S13	US- PGPUB; USPAT	OR	ON	2009/08/28 15:40
S15	13	S12 and S1	US- PGPUB; USPAT	OR	ON	2009/08/28 15:41
S16	49139	temperature near10 profile	US- PGPUB; USPAT	OR	ON	2009/08/28 15:43
S17	64	S7 and S16	US- PGPUB; USPAT	OR	ON	2009/08/28 15:44
S18	41	walsdorff-christian\$.in.	US- PGPUB; USPAT	OR	ON	2009/08/30 09:37
S19	5	seidemann-lothar\$.in.	US- PGPUB; USPAT	OR	ON	2009/08/30 09:37
S20	12	sesing-martin\$.in.	US- PGPUB; USPAT	OR	ON	2009/08/30 09:37
S21	17	fiene-martin\$.in.	US- PGPUB; USPAT	OR	ON	2009/08/30 09:37
S22	4	grassler-thomas\$.in.	US- PGPUB; USPAT	OR	ON	2009/08/30 09:38
S23	0	shubert-olga\$.in.	US- PGPUB; USPAT	OR	ON	2009/08/30 09:38
S24	15	schubert-olga\$.in.	US- PGPUB; USPAT	OR	ON	2009/08/30 09:38
S25	65	stroefer-eckhard\$.in.	US- PGPUB; USPAT	OR	ON	2009/08/30 09:38
S26	17	sohn-martin\$.in.	US- PGPUB; USPAT	OR	ON	2009/08/30 09:39
S27	120	S18 S19 S20 S21 S22 S24 S25 S26	US- PGPUB; USPAT	OR	ON	2009/08/30 09:39
S28	296897	(chlorine or "cl.sub.2")	US- PGPUB; USPAT	OR	ON	2009/08/30 09:40

S29	67887	(exotherm\$6 or deacon) near5 (reaction or process)	US- PGPUB; USPAT	OR	ON	2009/08/30 09:40
S30	33	S27 and S29	US- PGPUB; USPAT	OR	ON	2009/08/30 09:40
S31	6273	thermodynamic same kinetic	US- PGPUB; USPAT	OR	ON	2009/08/30 09:47
S32	135	S29 same S31	US- PGPUB; USPAT	OR	ON	2009/08/30 09:47
S33	126	S32 same (temperature)	US- PGPUB; USPAT	OR	ON	2009/08/30 09:49
S34	1258572	(high\$3 or low\$5 or increas\$4 or decreas\$4) near5 temperature	US- PGPUB; USPAT	OR	ON	2009/08/30 09:57
S35	5482	S34 with (thermodynamic\$4)	US- PGPUB; USPAT	OR	ON	2009/08/30 09:57
S36	5186	S34 with kinetic\$3	US- PGPUB; USPAT	OR	ON	2009/08/30 09:57
S37	78	S35 with S29	US- PGPUB; USPAT	OR	ON	2009/08/30 09:58
S38	44	S36 with S29	US- PGPUB; USPAT	OR	ON	2009/08/30 09:58
S39	24	S37 and S38	US- PGPUB; USPAT	OR	ON	2009/08/30 09:58
S40	156	S35 same S29	US- PGPUB; USPAT	OR	ON	2009/08/30 10:00
S41	109	S36 same S29	US- PGPUB; USPAT	OR	ON	2009/08/30 10:00
S42	63	S40 and S41	US- PGPUB; USPAT	OR	ON	2009/08/30 10:00
S43	39	S42 not S39	US- PGPUB; USPAT	OR	ON	2009/08/30 10:01
S44	291	423/502,507.ccls.	US- PGPUB; USPAT	OR	ON	2009/08/30 10:12

S45	1	S31 and S44	US- PGPUB; USPAT	OR	ON	2009/08/30 10:12
S46	4	S44 and thermodynamic \$5 and kinetic\$4	US- PGPUB; USPAT	OR	ON	2009/08/30 10:13
S47	546658	temperature near10 (decreas\$3 or lower\$5)	US- PGPUB; USPAT	OR	ON	2009/08/30 10:16
S48	72	S44 and S47	US- PGPUB; USPAT	OR	ON	2009/08/30 10:16
S49	82773	fluid\$6 near5 (bed or reactor)	US- PGPUB; USPAT	OR	ON	2009/08/30 10:20
S50	41	S48 and S49	US- PGPUB; USPAT	OR	ON	2009/08/30 10:20
S51	1	"3865920".pn.	US- PGPUB; USPAT	OR	ON	2009/08/30 10:30
S52	330564	temperature near10 (differen\$4 or gradient \$3)	US- PGPUB; USPAT	OR	ON	2009/08/30 11:37
S53	697	S29 with S52	US- PGPUB; USPAT	OR	ON	2009/08/30 11:38
S54	20	S53 same S49	US- PGPUB; USPAT	OR	ON	2009/08/30 11:38

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